

a document management system separate from said healthcare system, maintaining patient documents and providing user authorization for access to the maintained patient documents, where the user authorization and access provided by the document management system is separate from the user authorization and access provided by the healthcare system; and

an integration interface commonly usable by the users acting in their different roles including modifications to the user interface application of said healthcare system, the modifications enabling the user interface application to handle a request for access to a patient document maintained by the document management system and viewing of patient documents, and the modified user interface application automatically accessing said document management system responsive to the request, obtaining the patient document, and providing the obtained patient document to the user interface application for viewing, where the modifications are made after the prior time, and where the user interface application at the prior time could not automatically access the document management system.

2. (ONCE AMENDED) An access system as recited in claim 1, wherein a user provides log-on information to log-on to the healthcare system using the user interface application and said integration interface automatically logs-on the user to the document management system using the log-on information from the user interface.

3. (ONCE AMENDED) An access system as recited in claim 1, wherein user authorization for access to the healthcare system is determined by the healthcare system and user authorization for access to the management system is determined by said integration interface application.

4. (TWICE AMENDED) An access system as recited in claim 1, wherein a user inputs document element deficiency information using the user interface application and said integration interface application controls the management system to perform deficiency updates responsive to the document element deficiency information.

5. (ONCE AMENDED) An access system as recited in claim 1, wherein said integration interface application records an audit event for an access to the document management system through the user interface application.

6. (TWICE AMENDED) An access system as recited in claim 1, wherein said integration interface application displays documents from said document management system.

7. An access system as recited in claim 1, wherein said interface displays patient documents and document information from said document management system.

8. (ONCE AMENDED) An access system as recited in claim 1, wherein said integration interface application comprises controls in the user interface and objects performing access to said document management system.

9. An access system as recited in claim 8, wherein said controls comprise a chart display control, a document display control and an image display control.

10. An access system as recited in claim 8, wherein said objects comprise a session manager object, a query object, a chart object and a document object.

11. (ONCE AMENDED) An access system as recited in claim 8, wherein said objects comprise a query object.

12. (ONCE AMENDED) An access system as recited in claim 1, wherein said user interface application includes a patient information control, a chart control, a chart view button, and a document viewer.

13. An access system as recited in claim 1, wherein a document comprises a chart.

14. (ONCE AMENDED) A patient records and document access system, comprising:  
a healthcare system, in use by users with different roles in an organization at a prior time, maintaining patient records and providing user authorization for access to the maintained patient records through a user interface application, where the patient records are accessed by the users with the user interface application;

a document management system separate from said healthcare system, maintaining patient documents and providing an application programming interface separate from and used by said healthcare system to provide user authorization and access to the maintained patient documents, where the user authorization and access provided by the application programming

interface is separate from the user authorization and access provided by the healthcare system;  
and

an integration interface commonly usable by the users acting in their different roles including modifications to the user interface application of said healthcare system, the modifications enabling the user interface application to handle a request for access to a patient document and viewing of patient documents, where the modifications are made after the prior time, and where the user interface application at the prior time could not automatically access the document management system.

15. (ONCE AMENDED) A patient records and document access system, comprising:  
a healthcare system, in use by users with different roles in an organization at a prior time, maintaining patient records and including a document control added thereto and not originally available at a prior time in said healthcare system, where the patient records are accessed by the users with the document control;

a document management system separate from said healthcare system, maintaining patient documents and providing user access to the maintained patient documents responsive to a query, where the user authorization provided by the document management system is separate from the user access provided by the healthcare system; and

an integration interface commonly usable by the users acting in their different roles including objects responding to the document control and producing the query for the document management system, including modifications provided after the prior time, and where the document control at the prior time could not automatically access the document management system.

16. A system as recited in claim 15, wherein said healthcare system includes a document viewer added thereto, said management system provides a document responsive to the query and said interface provides the document to the viewer.

17. (ONCE AMENDED) A method of accessing patient records stored in a healthcare system and documents stored in a document management system separate from the healthcare system, comprising:

using, by users acting in different roles in an organization, an interface control added to a user interface of the healthcare system to initiate and authorize access to the document management system; and

accessing, by the users acting in their different roles, the document management system using an access object not available in said healthcare system.

18. (ONCE AMENDED) A method of presenting documents in a healthcare system, comprising:

initiating access to a document management system separate from the healthcare system by users acting in different roles in an organization using a healthcare user interface; and displaying, to the users acting in their different roles, a visual control in the healthcare system user interface for viewing documents from the management system.

19. (ONCE AMENDED) A patient records and document access system, comprising: a healthcare system, in use by users with different roles in an organization, maintaining patient records and providing user authorization for access to the patient records through a user interface application, where the patient records are accessed by the users with the user interface application;

a non-integrated document management system, maintaining patient documents providing user authorization for access to the maintained patient documents, where the user authorization and access provided by the non-integrated document management system is separate from the user authorization and access provided by the healthcare system; and

an integration interface with said healthcare system commonly usable by the users acting in their different roles and obtaining data from said document management system through said integration interface.

20. (ONCE AMENDED) A patient records and document access system, comprising: a healthcare system, in use by users with different roles in an organization at a prior time, maintaining patient records and providing user authorization for access to the maintained patient records through a user interface application, where the patient records are accessed by the users with the user interface application;

a non-integrated document management system, maintaining patient documents and providing user authorization for access to the maintained patient documents, where the user authorization and access provided by the document management system is separate from the user authorization and access provided by the healthcare system; and

an integration interface commonly usable by the users acting in their different roles including modifications to the user interface application of said healthcare system, the

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modifications enabling the user interface application to handle a request for access to a patient document maintained by the document management system and viewing of patient documents and comprising controls in the user interface, said controls comprising a chart control, a document display control and an image display control, and said modified integration interface application automatically accessing said document management system responsive to the request, obtaining the patient document, and providing the obtained patient document to the user interface application for viewing, said modifications comprising objects performing access to said document management system and said objects comprising a session manager object, a query object, a chart object and a document object, with a user logging on to the healthcare system using the user interface application and said integration interface logging on to the management system using information from the user interface application, user authorization for access to the healthcare system being determined by the healthcare system and user authorization for access to the management system is determined by said integration interface, a user inputting document deficiency information using the user interface and said integration interface application controlling said management system to perform deficiency updates responsive to the deficiency information, and said integration interface recording an audit event for accesses to the document management system through the user interface application, where the modifications are made after the prior time, and where the user interface application at the prior time could not automatically access the document management system.

21. (ONCE AMENDED) A computer readable storage medium storing code for executing a process controlling a computer by initiating access to a document management system in use by users with different roles in an organization and separate from the healthcare system using a healthcare user interface, and displaying, to the users acting in their different roles, a visual control in the healthcare system user interface for viewing documents from the management system.

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23. (NEW) The system according to claim 1, wherein the roles comprise at least two of nurse, physician, and administrator, and wherein the users use the modified user interface application as a common access mechanism to the health care system and the document management system.

24. (NEW) The system according to claim 23, wherein the user interface application further provides interface access to one of a billing system, a hospital information system, and a

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